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TECHNICAL SERIES, NO. 20.

U. S. DEPARTMENT OF AGRICULTURE,
BUREAU OF ENTOMOLOGY.
L. O. HOWARD, Entomologist and Chief of Bureau.

TECHNICAL PAPERS ON MISCELLANEOUS FOREST INSECTS.

CONTENTS AND INDEX.

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I. CONTRIBUTIONS TOWARD A MONOGRAPH OF THE BARK-WEEVILS OF THE GENUS PISSODES.

By A. D. HOPKINS, *In Charge of Forest Insect Investigations.*

II. THE GENOTYPES OF THE SAWFLIES AND WOODWASPS, OR THE SUPERFAMILY TENTHREDINOIDEA.

By S. A. ROHWER, *Specialist in Forest Hymenoptera.*

III. A REVISION OF THE POWDER-POST BEETLES OF THE FAMILY LYCTIDÆ OF THE UNITED STATES AND EUROPE.

By E. J. KRAUS, *Expert Preparator, Forest Insect Investigations.*

APPENDIX. NOTES ON HABITS AND DISTRIBUTION WITH LIST OF DESCRIBED SPECIES.

By A. D. HOPKINS, *In Charge of Forest Insect Investigations.*

IV. STUDIES IN THE SAWFLY GENUS HOPLOCAMPA.

By S. A. ROHWER, *Specialist in Forest Hymenoptera.*

V. A PRELIMINARY SYNOPSIS OF CERAMBYCOID LARVÆ.

By J. L. WEBB, *Entomological Assistant.*

VI. CHALCIDIDS INJURIOUS TO FOREST-TREE SEEDS.

By S. A. ROHWER, *Specialist in Forest Hymenoptera.*

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PREFACE TO BULLETIN.

It is the purpose of this bulletin to include such miscellaneous technical papers on insects, other than the scolytid beetles, as are either injurious or beneficial and of more or less importance in their relation to American forests. These papers are based largely, if not entirely, on original observations and investigations, supplemented by material in the United States National Museum, and serve as a necessary basis for the nontechnical papers on the same insects. As they are intended to be of service especially to the economic entomologists and to the student of forest entomology, they are, as a rule, presented in a somewhat less formal style than if intended for the systematist only.

A. D. H.

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ERRATA

Page 7, line 12, for *cembræ* read *cembra*.
Page 34, line 16, for *deodaræ* read *deodara*.
Page 36, line 37, for *Le Conte* read *Randall*.
Page 74, line 29, after *Can. Ent.* insert *vol. 40*.
Page 102, line 29, after *n.* insert *n.*
Page 131, line 23, for *cinerius* read *cinereus*.

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